

1631

RAW SEQUENCE LISTING DATE: 09/18/2000
 PATENT APPLICATION: US/09/428,674 TIME: 12:33:51

Input Set : A:\8535-029.txt
 Output Set: N:\CRF3\09182000\I428674.raw

4 <110> APPLICANT: Nehls, Michael
 5 Zambrowicz, Brian
 6 Sands, Arthur T.
 8 <120> TITLE OF INVENTION: NOVEL HUMAN POLYNUCLEOTIDES AND THE
 9 POLYPEPTIDES ENCODED THEREBY
 12 <130> FILE REFERENCE: 8535-0029-999
 14 <140> CURRENT APPLICATION NUMBER: US 09/428,674
 15 <141> CURRENT FILING DATE: 1999-10-27
 17 <150> PRIOR APPLICATION NUMBER: US 60/106,442
 18 <151> PRIOR FILING DATE: 1998-10-30
 20 <160> NUMBER OF SEQ ID NOS: 1008
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 40
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Primer
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 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 24
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Artificial Sequence
 40 <220> FEATURE:
 41 <223> OTHER INFORMATION: Primer
 43 <400> SEQUENCE: 2
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 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 19
 48 <212> TYPE: DNA
 49 <213> ORGANISM: Artificial Sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Primer
 54 <400> SEQUENCE: 3
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 57 <210> SEQ ID NO: 4
 58 <211> LENGTH: 19
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Artificial Sequence
 62 <220> FEATURE:
 63 <223> OTHER INFORMATION: Primer
 65 <400> SEQUENCE: 4
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 68 <210> SEQ ID NO: 5
 69 <211> LENGTH: 18
 70 <212> TYPE: DNA

ENTERED

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71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Primer
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81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Primer
87 <400> SEQUENCE: 6
88 tacagttttt cttgtgaaga ttg                           23
90 <210> SEQ ID NO: 7
91 <211> LENGTH: 19
92 <212> TYPE: DNA
93 <213> ORGANISM: Artificial Sequence
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Primer
98 <400> SEQUENCE: 7
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101 <210> SEQ ID NO: 8
102 <211> LENGTH: 20
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Primer
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113 <211> LENGTH: 184
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115 <213> ORGANISM: Homo sapiens
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118 <221> NAME/KEY: misc_feature
119 <222> LOCATION: (1)...(184)
120 <223> OTHER INFORMATION: n = A,T,C or G
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124 aagtgaagcaa atcttgggaa gatttcaagc acaccaacat ggcacatgta tacatatgta 120
125 acaaacctgc acattgtgca catgtaccct aaaacttaaa gtgtaacaat aataaaattt 180
126 tttt                                                184
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 309
130 <212> TYPE: DNA
131 <213> ORGANISM: Homo sapiens
133 <400> SEQUENCE: 10
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135 gtgacatgga gggccccccc acctgcaaagc ttttgtgttt gctggatctt ggacagtacc 120

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136 ctggcgaaaa gcattcggca agattatccg gctagcacag ccttcaagga ataaatatct 180
 137 aacaccttgt tccctttgcg gttcaaaagc cactgtcact ggggtacata ggcagtttta 240
 138 aaaaaggcta caattcatat gcaaaactaga ggaggatttc catgatttca taataaaatg 300
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 143 <212> TYPE: DNA
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 146 <220> FEATURE:
 147 <221> NAME/KEY: misc_feature
 148 <222> LOCATION: (1)...(143)
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 153 nttctagagg acaactggca gtctccttgt agctgagact tttttgtgta taaaaattaa 120
 154 taaaattggt ttattaatgt gtt 143
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 157 <211> LENGTH: 210
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 159 <213> ORGANISM: Homo sapiens
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 163 gacagagatg ggggtttcgc catgtttgcc aggtggtct caagctcctg aactcaagtg 120
 164 atcttccac ctaagcctcc caaagtgcg ggattacagg catgagccac gactcccagg 180
 165 ctgaaatata gatttttaac ttcagcttgc 210
 167 <210> SEQ ID NO: 13
 168 <211> LENGTH: 453
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 170 <213> ORGANISM: Homo sapiens
 172 <220> FEATURE:
 173 <221> NAME/KEY: misc_feature
 174 <222> LOCATION: (1)...(453)
 175 <223> OTHER INFORMATION: n = A,T,C or G
 177 <400> SEQUENCE: 13
 178 gtatacatcc agatggcgg aagcaactga agatccacaa aagaagtga aatagccgta 60
 179 actgatgaca ttccaccatt gtgatttggt ttgccccac cgtaactgat caatgtactt 120
 180 tgtaatctcc cccaccctta agaaggttct ttgtaatctc cccaccctt aagaatgttc 180
 181 tttgtaattc tccccacct tgagaatgta ctttggtgaga tctacccct gccacaaaa 240
 182 cattggtcct gactccaccg cctatcccaa aacctataag aactaatgat aatcccacca 300
 183 ccctttgctg actctctttt cggactcagc cgcctgcac ccaggtgaaa taaacagcct 360
 184 tgttgctcac aaaaataaaa aaaaaggcca gcgaggccaa ttcagcttgg acttaaccag 420
 185 gctngacctt ggttnnaaaag gggggctccc ccc 453
 187 <210> SEQ ID NO: 14
 188 <211> LENGTH: 344
 189 <212> TYPE: DNA
 190 <213> ORGANISM: Homo sapiens
 192 <400> SEQUENCE: 14
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 194 tggacttttc acttccaaaa ctaatttcgc tcttggtgac caggctggag tgcaatgacg 120

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195 agatcttggc tcaactgcaac ctccacctcc caggtttaag tgattctcct gcctcagcct 180
 196 cccaagtagc tgggattaca ggaagaaaaa tggaaactaaa aagggaatac aatagcaaca 240
 197 aagatcaaaa taaataacaa ggaagcggag agaagaaaga acatggtgaa gagagtgaag 300
 198 agcattgtca tttgggtgga attgcagaaa gaaataaatt attg 344
 200 <210> SEQ ID NO: 15
 201 <211> LENGTH: 473
 202 <212> TYPE: DNA
 203 <213> ORGANISM: Homo sapiens
 205 <220> FEATURE:
 206 <221> NAME/KEY: misc_feature
 207 <222> LOCATION: (1)...(473)
 208 <223> OTHER INFORMATION: n = A,T,C or G
 210 <400> SEQUENCE: 15
 211 atgcttctctg ggaagctccc aggagcccaa cctaagaaga ggggaaggcc cagaggagcc 60
 212 aggagcgaga tctttgacac tacctgcttc cccacctgct gctgccttgt ctgggctgga 120
 213 gctgtgctaa gagcagttct aggacagatg aggagacaac tgttctgccc ggggctaagg 180
 214 actgaacctt ccaggtctac atttctcttt gccatactgc tctgggctct gggggttgac 240
 215 ctgaatggac cacacagcca tgggtgtctcc tgtcctccac cttaactggt gaagactggg 300
 216 agtgagggaag aagagtgaga ttgcacctc tctgcaggac catgggcaga cctgcccct 360
 217 taccctctct caggggtctc tctctctcc tattaacttc ttccatttc cctnattaag 420
 218 ccctttgntt tggttttttg gganattgcc ggccnncacc ttttgaaaaa ttg 473
 220 <210> SEQ ID NO: 16
 221 <211> LENGTH: 403
 222 <212> TYPE: DNA
 223 <213> ORGANISM: Homo sapiens
 225 <400> SEQUENCE: 16
 226 gagtctactg acagaagcca aagggtgctg ctagtctcag ctctctggtg ttctcatta 60
 227 ttttcaaaaa tgtctgactg catcttttgg acattataaa aaccacagta ggaaaaaacg 120
 228 ccagctattt caatggacca acaagtgag actccaaagt gagccaagaa gtccctcaag 180
 229 cccttcttaa aggatggagg aacacatgaa tatatacatc aaatctctct tccacagaga 240
 230 ctcaactgaag ggaatgaaga agggaaaagt cctcctaatt attaagatgc gttccttggg 300
 231 actcggagaa ttaggaaaga aacccccag tcttgaatac atttctctaa agaggccgaa 360
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 235 <211> LENGTH: 445
 236 <212> TYPE: DNA
 237 <213> ORGANISM: Homo sapiens
 239 <220> FEATURE:
 240 <221> NAME/KEY: misc_feature
 241 <222> LOCATION: (1)...(445)
 242 <223> OTHER INFORMATION: n = A,T,C or G
 244 <400> SEQUENCE: 17
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 246 ctgcctcagc ctcccaaagt gctgcgatta aaggcacaag ccaactgtgc caaccaaagg 120
 247 gtcttctct gtgcgccagg ctgagtgca gtggcgcaat ctgggtcat ggcaacctcc 180
 248 acctccggg ttcaagcgt tctctgcca cagcctccc agtagctggg attacaggtg 240
 249 cctaccacca ggcccagcta aattttttt tattttttag acagacgggg ttctgccacc 300
 250 ttggccaggc tgggtctgaa ctctgacct tgtgatctac ccacctnagn ntcccaangg 360
 251 gctggnatta caggggggag agaccggacc cagccacctt actgngtttc tgantgnnt 420

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Input Set : A:\8535-029.txt

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L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:336 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
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L:342 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:361 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:374 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:414 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
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L:568 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
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L:573 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36

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